DT01 Rec'd PCT/PTC 0 9 DEC 2001 # 3

MTH-56

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

PCT/JP03/08366

Yunosuke NAKAHARA et al

Serial No.:

Filed: Concurrently Herewith

For: TIN-SILVER BASED...SOLDER

PCT Date: July 1, 2003

475 Park Avenue South New York, NY 10016

## INFORMATION DISCOSURE STATEMENT

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

To comply with Rule 56, Applicants are filing herewith a copy of the International Search Report issued in the PCT application corresponding to the above application with copies of the cited art and Form PTO/SB/08A. Also enclosed are copies of the prior art cited in the application and a publication. Further discussion is not deemed necessary now.

Respectfully submitted, Muserlian, Lucas and Mercanti

Charles A. Muserlian, 19,683 Attorney for Applicant(s)

Tel. # (212) 661-8000

CAM:sd

Enclosures: International Search Report

Form PTO/SB/08A References (7)

Return Receipt Postcard

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

INFORMATION DISCLOSURE

Substitute for form 1449/PTO

Sheet

STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Application Number PCT/JP03/08366

Filing Date Concurrently Herewith

First Named Inventor Yunosuke NAKAHARA et al
Art Unit

Examiner Name

Attorney Docket Number MTH-56

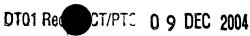
	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number-Kind Code <sup>2 (8' known)</sup>	<del></del>		Figures Appear			
		US-			1			
	1	US-						
		US-						
*		US-		· ··· Figgs # · · · · · · · · · · · · · · · · · ·				
		US-						
		US-						
		US-		· · · · · · · · · · · · · · · · · · ·				
		US-						
<del>~~ · · · · · · · · · · · · · · · · · · </del>		US-						
<del> </del>		US-		· · · · · · · · · · · · · · · · · · ·	1 · · · · · · · · · · · · · · · · · · ·			
		US-						
		US-						
<del></del>		US-		· · · · · · · · · · · · · · · · · · ·				
		US-		· · · · · · · · · · · · · · · · · · ·				
		US-		· · · · · · · · · · · · · · · · · · ·				
<del></del>		US-		· · · · · · · · · · · · · · · · · · ·				
		US-						
		US-						
		US-	<del>                                     </del>		<del>-  </del>			

		FORE	<b>IGN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	+6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T.
		EP 0 612,578	08/31/94	AT&T Corp.		
		JP 6-238479	08/30/94	AT&T Corp.		
		JP 2002-185130	06/28/02	Fujitsu Ltd.		
		JP 10-328880	12/15/98	Matsunaga et al		
		JP 2001-071174	03/21/01	Matsunaga et al		
		JP 2001-150181	06/05/01	Matsunaga et al		

Examiner		Date	
Signature		Considered	ľ
-	i i		i

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



3

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Participant information unless it contains a wall OMB control purpose.

Substitut	Substitute for form 1449/PTO		Complete if Known 10 4 F 10				
				Application Number	PCT/JP03/08366	<del>9 1</del> ) 5	
INFO	DRMATION	I DIS	CLOSURE	Filing Date	Concurrently Herewith		
STA	STATEMENT BY APPLICANT			First Named Inventor	Yunosuke NAKAHARA et al		
	(Use as many sheets as necessary)			Art Unit			
				Examiner Name			
Sheet	2	of	2	Attorney Docket Number	MTH-56	フ	

	NON PATENT LITERATURE DOCUMENTS	
Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	Nakahara et al, "The EffectsNi-P", 8th Symposium on "Microjoining and Assembly	
	Technology in Electronics" January 31 - February 1, 2002, Yokohama, pp.245-248	
	,	
	Cite No.1	Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  Nakahara et al, "The EffectsNi-P", 8th Symposium on "Microjoining and Assembly

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.